

Message Text

CONFIDENTIAL

PAGE 01 CAIRO 00883 01 OF 02 231359Z

41

ACTION NEA-12

INFO OCT-01 ISO-00 IO-14 CIAE-00 PM-07 H-03 INR-10 L-03

NSAE-00 NSC-10 PA-04 RSC-01 PRS-01 SPC-03 SS-20

USIA-15 SAM-01 ACDA-19 EUR-25 AF-10 DRC-01 OMB-01

/161 W

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R 231255Z FEB 74

FM USINT CAIRO

TO SECDEF WASHDC

INFO SECSTATE WASHDC 5440

CJCS WASHDC

CNO WASHDC

CSA WASHDC

COMINWARFOR CHARLESTON

CDRUSAMC WASHDC

USDAO TEL AVIV

C O N F I D E N T I A L SECTION 1 OF 2 CAIRO 00883

SECDEF FOR ASD/ISA

CNO FOR OP 32

E.O. 11652: GDS

TAGS: PFOR EG US MARR

SUBJECT: US SUEZ CANAL EXPLOSIVE ORDNANCE CONSULATION TEAM

REF SECDEF 230206Z FEB 74

1. (C) MEETINGS WITH SCA HELD ON 20 AND 21 FEB, ITH
VISIT TO CANAL FROM ISMAILIA TO PORT SAID ON 22 FEB
NEXT MEETING SCHEDULED 25 FEB. EXPECT TO VIEW ORDNANCE
AND VISIT SOUTHERN PORTION OF CANAL ON 25 AND 26 FEB.

2. (C) SCA DESIRES 100 PERCENT CLEARANCE OF ALL
UNEXPLODED ORDNANCE (UXO) FROM CANAL AND ENVIRONS AND
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PAGE 02 CAIRO 00883 01 OF 02 231359Z

CONSIDERS TIME AS A MOST CRITICAL FACTOR. TEAM HAS EX-

PLAINED THAT DESIRED CLEARANCE IS IMPOSSIBLE AND THAT TIME AND SAFETY FACTORS WEIGH AGAINST EACH OTHER. HAVE ALSO EXPLAINED THAT AFTER INITIAL TASK OF REOPENING CANAL IS COMPLETED CONTINUED EOD ASSETS MUST BE AVAILABLE DURING DREDGING, CONSTRUCTION AND PROJECTED CANAL IMPROVEMENTS.

3. (C) EGYPTIAN MILITARY REPS SEEM TO HAVE EXPECTED US TO POSSESS SOME MAGIC MEANS OF UXO DETECTION AND CLEARANCE. THEY ARE IN PARTICULAR PERPLEXED BY THE CLEARANCE OF THE DST.

4. (C) DETECTION, LOCATION AND CLASSIFICATION OF ORDNANCE BOTH ON LAND AND IN THE WATER WILL PROVE TO BE THE GREATEST PROBLEM. TIME REQUIRED TO CLEAR THE CANAL TO AN ACCEPTABLE LEVEL IN ORDER TO COMMENCE DREDGING OPERATIONS WILL BE GREATLY INFLUENCED BY THE NUMBER AND TYPE OF EQUIPMENT AVAILABLE AND THE NUMBER OF PERSONNEL THE GOE IS WILLING TO COMMIT TO THE PROJECT.

5. (C) REQUEST MSG REPLY ON RENDER SAFE PROCEDURE (RSP) OF DST (MK 36) PREVIOUSLY RELEASED TO DRV AND PERMISSION TO RELEASE SAME TO GOE. IF APPROVED, AS A FOLLOW-ON ACTION, REQUEST FIVE (5) COPIES OF THE SANITIZED EODB BE FORWARDED TO USINT, CAIRO, BY FASTEST MEANS AVAILABLE. ALSO REQUEST PERMISSION TO DISCUSS CLASSIFIED INFORMATION UP TO CONFIDENTIAL (PRIMARILY RSP INFORMATION) FOR THE FOLLOWING:

- A. BOMB FUSES: M904G2, M905, M103A1, M102, M112, M123, M111A1, MK346.
- B. EOD TABLE AND TECHNIQUES USEFUL TO GOE IN THEIR CURRENT CLEARANCE PROBLEMS.

6. (C) GOE CONSIDERS TIME CRITICAL IN THIS OPERATION. THEREFORE EQUIPMENT CONSIDERATIONS MUST BE RESTRICTED TO ON THE SHELF MILITARY EQUIPMENT AND IMMEDIATELY AVAILABLE COMMERCIAL EQUIPMENT. THE FOLLOWING INFORMATION IS REQUIRED TO DEFINE PROBLEM AREAS BUT NOT SPECIFICALLY REQUIRED PRIOR RETURN CONUS:

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PAGE 03 CAIRO 00883 01 OF 02 231359Z

A. FOR LAND UXO CLEARANCE THE CRITICAL AREAS ARE DETECTION, LOCATION AND ACCESS EQUIPMENT. THE FOLLOWING INFORMATION WILL BE REQUIRED ON COMMERCIAL OR MILITARY EQUIPMENT TO PERFORM THE FOLLOWING:

(1) GOE ARMED FORCES HAVE STANDARD MINE DETECTORS OF VARIOUS VINTAGES (US, FRENCH, UK, USSR). REQUEST AVAILABILITY OF AN/PRS-7, AN/PSS-11 TO INCLUDE BATTERIES

AND REPAIR PARTS AND AVAILABILITY OF FAESHED SYSTEMS.

(2) FOR MERDC: IN A HOMOGENEOUS SAND ENVIRONMENT, WHAT IS THE DETECTION PROBABILITY AND CAPABILITY OF AN/PRS-7 FOR USSR MINES OF PMN SERIES? WHAT IS ESTIMATED CAPABILITY/VULNERABILITY OF USSR PT 54 MINE CLEARING ROLLER? WHAT IS CLEARANCE CAPABILITY OF FAESHED FOR USSR AT AND AP MINES?

(3) THE UXO DETECTION AND LOCATION IS OF PRIME CONCERN TO THE GOE ARMY. THE TERRAIN TO BE WORKED IS HOMOGENEOUS SAND WITH THE WATER TABLE NORMALLY WITHIN ONE TO TWO METERS OF THE SURFACE. OF PRIME CONCERN ARE BOMBS (250 AND LARGER) AND LARGE ARTY PROJECTILES (155 MM, 175 MM, 8 INCH). THEY HAVE FORESTER LOCATER (MDL 1015). NUMBER UNKNOWN. THEY CONSIDER THE FORESTER MDC 1016 UNACCEPTABLE DUE TO BOREHOLE REQUIREMENT.

(A) REQUEST TECHNICAL CHARACTERISTICS, COST AND AVAILABILITY DATA ON US OR FOREIGN MANUFACTURE UNITS COMPARABLE TO THE FORESTER SYSTEM (E.G. VARIEN, E.G. AND G.).

(B) REQUEST TECHNICAL CHARACTERISTICS, COST AND AVAILABILITY DATA ON COMMERCIAL OR MILITARY EQUIPMENT WHICH CAN DETECT AND/OR LOCATE A 250 LB BOMB OR LARGER BURIED TO A DEPTH OF BOTH FIVE METERS OR LESS, AND TEN METERS OR LESS.

(4) THE SECOND GOE PROBLEM IS ACCESS TO THE ORDNANCE. THE TERRAIN DICTATES A SELF LINING CAPABILITY PREFERABLY WITH A RETRIEVABLE LINER. REQUEST TECHNICAL CHARACTERISTICS AND AVAILABILITY ON EQUIPMENT TO:

(A) MAKE A LINED SHAFT 2-3 METERS IN DIAMETER 10 METERS DEEP.
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PAGE 04 CAIRO 00883 01 OF 02 231359Z

(B) MAKE A LINED SHAFT APPROXIMATELY POINT 5 METERS IN DIAMETER 10 METERS DEEP.

B. FOR WATERWAY CLEARANCE REQUEST AVAILABILITY AND AMOUNTS OF THE FOLLOWING EQUIPMENT:

(1) ORDNANCE LOCATORS MK 10, MK 14, AND MK 18.

(2) COMMERCIAL MAGNETOMETERS.

(3) SIDE SCANNING SONAR SUCH AS E.G. AND G. OR WESTINGHOUSE.

(4) OVER THE SIDE CLOSED CIRCUIT TV.

(5) ELECTRONICS NAVIGATION SYSTEMS SUCH AS THE DM 40-AUTOTAPE OR THE RAYDIST T.

(6) ORDNANCE LIFTING BALLOON MK 2.

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PAGE 01 CAIRO 00883 02 OF 02 231403Z

41

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USIA-15 SAM-01 EUR-25 OMB-01 DRC-01 AF-10 /161 W

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INFO SECSTATE WASHDC 5441

CJCS WASHDC

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C O N F I D E N T I A L SECTION 2 OF 2 CAIRO 883

C. THE ABOVE EQUIPMENT MUST BE CAPABLE OF USE IN THE
SUEZ CANAL AS DESCRIBED:

(1) LENGTHS

(A) FROM THE FAIRWAY BUOY TO PORT SAID LIGHTHOUSE 11 KMS.

(B) FROM PORT SAID LIGHTHOUSE TO ISMAILIA 78 KMS.

(C) FROM ISMAILIA TO PORT TEWFICK 84 KMS.

(D) TOTAL LENGTH 173 KM.

(2) BREADTH AT WATER LEVEL 200 M.

(3) BREADTH BETWEEN BUOYS 110 M.

(4) MINIMUM BREADTH UNDER 11 M OF WATER 90 M.

(5) MAXIMUM UNDERWATER VISIBILITY 4 M.

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PAGE 02 CAIRO 00883 02 OF 02 231403Z

(6) NATURE OF BOTTOM

(A) LOOSE SAND IN NORTH

(B) HARDENING SAND IN VICINITY ISMAILIA

(C) TRACE OF ROCKS IN SMALL BITTER LAKE

(D) HARD SAND AND FREQUENT ROCKS FROM SMALL
BITTER LAKE TO PORT TEWFICK.

(7) SHEET PILING (FERROUS MATERIAL) ON BOTH
BANKS EXTENDS ENTIRE LENGTH OF SAND BANKS OF CANAL PROPER.

(8) TICAL CURRENT ((1) IN NORTHERN PART AVERAGE
ONE KNOT; (2) IN SOUTHERN PART MAY REACH 2.5.

7. (C) INITIAL EVALUATION INDICATES THE FOLLOWING
SEQUENCE OF OPERATIONS WOULD BE REQUIRED:

A. WATER CLEARANCE

(1) AIRBORNE MINECOUNTERMEASURES

(2) BOTTOM SURVEY

(3) ORDNANCE REMOVAL/DISPOSAL

(4) TESTING BY MEANS OF AN MSS TYPE VESSEL

B. LAND CLEARANCE

(1) MINEFIELD CLEARANCE IN AREAS CRITICAL TO CANAL OPERATION.

(2) SURFACE UXO CLEARANCE IN AREAS CRITICAL TO CANAL OPERATION.

(3) SHALLOW UXO CLEARANCE (ROADWAYS, SIGNAL STATIONS, ETC).

(4) DEEP CLEARANCE AT SIGNAL STATIONS AND TOWNS AND BUILT-
UP AREAS.

(5) CLEARANCE OF REMAINDER OF THE SUEZ CANAL ZONE NOT CRITICAL
TO CANAL OPERATION.

8. CAPT. SHEEHY SENDS.

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: MILITARY ASSISTANCE, MILITARY EQUIPMENT, INTERNATIONAL CANALS, BOMBS (ORDNANCE), DREDGING
Control Number: n/a
Copy: SINGLE
Draft Date: 23 FEB 1974
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: golinofr
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1974CAIRO00883
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: GS
Errors: N/A
Film Number: n/a
From: CAIRO
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1974/newtext/t19740213/aaaaamjf.tel
Line Count: 269
Locator: TEXT ON-LINE
Office: ACTION NEA
Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 5
Previous Channel Indicators: n/a
Previous Classification: CONFIDENTIAL
Previous Handling Restrictions: n/a
Reference: SECDEF 230206Z FEB 74
Review Action: RELEASED, APPROVED
Review Authority: golinofr
Review Comment: n/a
Review Content Flags:
Review Date: 13 AUG 2002
Review Event:
Review Exemptions: n/a
Review History: RELEASED <13-Aug-2002 by shawdg>; APPROVED <16 DEC 2002 by golinofr>
Review Markings:

Declassified/Released
US Department of State
EO Systematic Review
30 JUN 2005

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: US SUEZ CANAL EXPLOSIVE ORDNANCE CONSULATION TEAM
TAGS: PFOR, MARR, EG, US
To: STATE
Type: TE
Markings: Declassified/Released US Department of State EO Systematic Review 30 JUN 2005